

(1) Number of pages 30(2) Date of repair 16.10.85(3) Initials of the Referencer lms

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

J.W.D. DEPARTMENT

G.O. No.	1707 W	Press.
B.P. No.		Mis.
Dated	10 - 7 - 1884.	197

Not to be folded or roughly handled

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(12)

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following papers :—

Proceedings of the Board of Revenue, dated 5th June 1884, No. 2597.

Read—the following letter from A. J. B. ATKINSON, Esq., President of the Local Fund Board, Tinnevely, to the Secretary to the Board of Revenue, dated 17th May 1884, No. 66 :—

Under Local Fund rule 26, I have the honor to submit, for sanction, a deviation statement in executing the work on road from Sankaranainarkoil to Kalugumalai, the estimate of which was sanctioned by Government in G.O., No. 1964 W., dated 9th August 1881.

2. A sum of Rs. 77-9-7 has been spent on earthwork in excess of the estimate provision, and Rs. 98-11-4 on roughstone aprons to masonry works, for which no provision was made in the estimate but which were subsequently found by the Local Fund Engineer to be necessary. Notwithstanding these excesses there is a saving of Rs. 678-4-10.

3. The statement has been approved by the Local Fund Board in its resolution (copy submitted) No. 3, dated 3rd April 1884. I first thought it unnecessary to submit this for the Board's sanction, as the deviation does not involve additional cost, under paragraphs 41 and 42 of the Local Fund Public Works Code; but the Assistant Inspector of Local Fund Accounts, who was lately here, thinks it necessary, reading rule 26.

4. I therefore submit it for sanction.

Resolution—dated 5th June 1884, No. 2597.

Submitted for the sanction of Government.

(A true Copy and Extract.)*

(Signed) G. MACKENZIE,
Acting Sub-Secretary.

To the Secretary to Government, Public Works Department,
with original letter and enclosures (to be returned).

Proceedings of the Board of Revenue, dated 24th June 1884, Mis. No. 5752.

ORDER—dated 10th July 1884, No. 1707 W., Public Works.

The deviation statement, amounting to Rs. 20,822, exhibiting the cost of constructing a road from Sankaranainarkoil to Kalugumalai, in the Tinnevely district, is sanctioned in lieu of the estimate of Rs. 21,500 referred to in G.O., No. 1767 W., dated 23rd June 1883.

2. This sanction has been registered as Local No. 22 W. of 1884-85.

(True Extract.)

Major, R.E.,
Under Secy. to Govt., P.W.D.

To the Board of Revenue, with one enclosure.
" Superintending Engineer, VI Circle.
" Financial Department.

Exd. E. Fernandez.
Spare Copies

1707

2

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of 1884 Madras.

PUBLIC WORKS.

Dated July, 10th.

Recd.

Encl.

G.O., 10th July 1884, No. 1707 W.

JULY.

Road

The deviation statement, amounting to Rs. 20,822, exhibiting the cost of constructing a — from Sankaranainarkoil to Kalugumalai, Tinnevely district, sanctioned.

PROCEEDINGS OF THE LOCAL FUND BOARD

TINNEVELLY CIRCLE.

Special Meeting
Dated 30 April 1884

Resolution No. 9

1707

Read—

Preamble

Officials.

1. A. J. B. Atkinson Esq. President
Non-officials.

2. Mr. R. C. Kuttanaina Pillai Esq.

3. " Shanmugam Pillai Esq.

4. " Subba Saidegaru Esq. Min. Sec. of Secy. to Govt.

5. " Dorumara garu.

6. " Ramalingam Pillai Esq.

7. " Ramakrishna Esq.

Read Local Fund Engineer's
letter No. 71 dated 26 March 1884

Approved and Sanctioned.

/ True Extract /

A. Atkinson
President

Compd
1884

3

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Establishment.

Nos. 43 & 44.

ORDER—dated 6th December 1882, No. 3211 W., Public Works.

In Proceedings of Government in the Financial Department, No. 609, dated 22nd March 1880, it was decided that the examination of plans and estimates of such Local Fund Works as might be of too important a character to be left altogether for disposal by the Local Fund Boards should devolve upon the Chief Engineer, who would be aided by an Executive Engineer of the Public Works Department to be attached to his office.

2. All *New Works* estimated to cost Rs. 2,500 and upwards, and all *Repairs* estimated to cost upwards of Rs. 10,000, as well as such other works as might require special professional scrutiny, were required to be submitted for examination by the Chief Engineer.

3. To meet the cost of the establishment requisite for undertaking the work thus devolving on the Public Works Department, a contribution from Local Funds of Rs. 21,250 yearly was sanctioned.

4. Temporary arrangements were accordingly made by the Chief Engineer for undertaking the work, and these were sanctioned in Proceedings, No. 913 W., dated 10th April 1880.

5. The arrangements thus approved were, however, objected to by the Government of India, who considered (*vide* paragraph 5 of their letter recorded with G.O., No. 2387 W., dated 16th October 1880) "that the Madras Provincial Establishment should be so organized as to permit the Chief Engineer's Office, or the offices of Superintending Engineers of Circles, to examine all important Local Fund Projects; that for conducting these duties no special allowance should be made to any officer, but a fixed contribution sufficient to cover the services performed should be credited to the source from which such establishment is paid; and that the full contribution of Rs. 21,250 should be accepted, and the duties distributed as the Madras Government may consider desirable."

6. After some correspondence with the Government of India the principle of the proposed arrangements was agreed to, and the decision recorded in G.O., No. 1729 W., dated 14th July 1881, paragraph 10.

7. Since then the details of the scheme have been under consideration, and it has now been finally determined that the work shall be distributed between Superintending Engineers and the Chief Engineer in accordance with the principle of the Public Works Code Rules.

8. All Local Fund Projects therefore requiring in future to be scrutinized by the Public Works Department will in the first instance be sent to the Superintending Engineer of the Circle, who will be authorized to deal finally with the professional details of *New Works* estimated to cost above Rs. 2,500 and up to Rs. 5,000. Those costing above this amount will be sent forward by Superintending Engineers to the

Chief Engineer after undergoing the same examination as ordinary Public Works. All *Repair* estimates above Rs. 10,000 will be dealt with by Superintending Engineers as in the case of Public Works Repairs. Any estimate may, however, be sent on to the Chief Engineer, should either the Superintending Engineer or the Local Fund Board concerned desire the opinion of that officer.

9. To admit of these arrangements being carried into effect, it will be necessary to slightly augment the offices of Superintending Engineers and the Chief Engineer, while improving the position of the senior Clerks in the offices of the former. Extra Draftsmen on a rate of pay superior to that hitherto provided for in the Public Works Department are also allowed. It is very desirable that men of superior attainments should be encouraged to qualify for the position of Draftsmen, and it is hoped that the enhanced rate of pay now sanctioned will act as some inducement.

Should the general standard of efficiency hereafter increase, the Government will be prepared to consider the propriety of still further augmenting the scale of pay in the higher appointments open to men of this class.

10. The following increases are now sanctioned to the offices of Superintending Engineers and the Chief Engineer, Public Works Department, the cost being covered by the contribution of Rs. 21,250 from Local Funds, which the Accountant-General will, under orders in the Financial Department, arrange for bringing to account with effect from the current official year:—

Superintending Engineer's Office.

	RS.	RS.
(1.) Difference between present salary of Head Clerk and that now sanctioned, viz., between 2nd Class, 1st Grade, and 2nd Class, 3rd Grade = $180 - 110 =$	70	
(2.) Difference between present salary of Second Clerk and that now sanctioned, viz., between 2nd Class, 3rd Grade, and 3rd Class, 2nd Grade = $110 - 70 =$	40	
(3.) Extra Clerk, 3rd Class, 3rd Grade, Rs. 50 to 60— <i>mean</i>	55	
(4.) Extra Draftsman, from Rs. 80 to 100— <i>mean</i>	90	
Total per mensem ...	255	

Total per annum (Rs. 255 $\times$ 12) = ... 3,060

For six Superintending Engineers (Rs. 3,060 $\times$ 6) = ... 18,360

Chief Engineer's Office.

(1.) Extra Clerk, 3rd Class, 3rd Grade, Rs. 50 to 60— <i>mean</i>	55
(2.) Extra Draftsman (to supervise Technical Section) from Rs. 200 to 250— <i>mean</i>	225
Total per mensem ...	280

Total per annum (Rs. 280 $\times$ 12) = ... 3,360

Total of Chief Engineer's and Superintending Engineer's Offices 21,720

(True Extract.)

(Signed) R. H. SANKEY, Colonel, R.E.,
Secretary to Govt., P.W.D.

To Superintending Engineers.
To the Examiner, Public Works Accounts.
.. Financial Department.

Exd. W. J. Lewis.
Spare Copies

1207

5

GENERAL
ESTABLISHMENT.

Govt. of (1883) Madras.

PUBLIC WORKS.

Dated December, 6th.

Recd.

Encl.

G.O., 6th Dec. 1882, No. 3211 W.

DECEMBER.

Local Fund Works

Plans and estimates for — to be scrutinized by the Chief and Superintending Engineers, and increases to their office establishment sanctioned.

23RD JUNE 1883, No. 1767 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Read—the following papers :—

From R. C. LOWRY, Esq., Local Fund Engineer, Tinnevely, to the President, Local Fund Boards, Tinnevely, dated 26th April 1883, No. 91.

In returning revised estimate for road from Sankaranainarkoil to Kalugumalai,

1 Revised Estimate.

1 Original do.

1 Comparative Statement.

12 Sheets of Survey Plan.

sent to me for revision with your endorsement on Proceedings of the Board of Revenue, Miscellaneous No. 8754, dated 13th November 1882, I have the honor to remark that the original estimate for the

road (according to which work was commenced) was prepared by the Public Works Department and sanctioned by the Local Fund Board and Government. The direction of the line has now been slightly altered in places, in order to keep clear of tank waterpreads and valuable nunjah where high compensation would be demanded, and in order that advantage might be taken of work already done in constructing a road between the 9th mile and the 13th.

2. The traffic on this line will not, it is anticipated, be very great, and the necessity for metalling the road is therefore not urgent. On this consideration the provision in the original estimate for a metal layer in the 6th, 7th, 8th, 9th, and 10th miles has been disallowed, and a layer of gravel 6 inches in thickness has been substituted in the revised estimate. In the miles above referred to the line passes over hard red soil with a substratum of laterite and good red gravel. The formation as now proposed will, it is believed, be found more suitable than that originally estimated for, while a large saving in first cost will accrue by adopting the former plan in preference to the latter.

3. The width of the road surface (18 feet) is the same as that allowed in the original estimate. A road surface, 12 feet wide, as required by the Deputy Chief Engineer would, I beg to submit, be too narrow to accommodate bandy traffic. Such a width might be suitable for short branch roads, but even then I doubt if it would be found sufficient; it might, however, be adopted tentatively for such communications. The road between Sankaranainarkoil and Kalugumalai will act as a railway feeder; between Kalugumalai and Koilpati Railway Station a road has been already established.

4. The road has been made to formation level throughout; all masonry works are constructed, and the required quantities of metal and gravel have been supplied in each mile.

5. The original estimate is herewith forwarded for reference.

No. 54.

Endorsement on the above.

Submitted to the Board of Revenue through the Deputy Chief Engineer with reference to his remarks contained in the Proceedings quoted above.

TINNEVELLY,
4th June 1883.

(Signed) D. NARAYANASAWMY,
Deputy Collector,
for Collector.

Memorandum by the Chief Engineer, Public Works Department.

- * The estimate is submitted for the sanction of Government.
2. It is suggested, however, that the attention of the Local Fund Board be called to the following points.
 3. The Chief Engineer has nowhere restricted a road surface to a width of 12 feet. This is a misconception. He considers that of an 18 feet wide road, it will be sufficient in almost all cases to *metal* the central 12 feet.
 4. The plans are not understood. Two parallel red lines show, it is stated, the direction of the road as formed. In the same general direction, and not far off, is shown, colored yellow, "proposed road." It is not understood what is meant by this.
 5. No side or check drains are provided, but the road appears to be "raised" throughout, an expensive formation, the necessity for which is not apparent.
 6. A thickness of $2\frac{1}{4}$ inches of gravel is provided over the 4-yard width of metal in the metalled miles; $1\frac{1}{2}$ inches would be sufficient, and this thickness might also be carried over the side earthen berms. If well consolidated as specified, this will give good results.
 7. The rate for spreading metal, 4 annas, and that for spreading gravel, 3 annas, seem susceptible of reduction.
 8. The estimates should have been submitted through the Superintending Engineer of the Circle in accordance with G.O., No. 3211 W., dated 6th December 1882.
- CHEPAUK, 15th June 1883. (Signed) R. H. SANKEY, Colonel, R.E.,
Chief Engineer, P.W.D.

Order—dated 23rd June 1883, No. 1767 W., Public Works.

- The second revised estimate, amounting to Rs. 21,500, for constructing a road from Sankaranainarkoil to Kalugumalai, in the Tinnevely District, is sanctioned.
2. The present estimate is less by Rs. 5,200 than the first revised estimate of Rs. 26,700 sanctioned in G.O., No. 1964 W., dated 9th August 1881.
 3. The attention of the Local Fund Board should be called to the remarks in the Chief Engineer's Memorandum above recorded.
 4. This sanction has been registered as Local No. 17 W. of 1883-84 and cancels Local No. 21 W. of 1881-82.

(True Extract.)

(Signed) R. H. SANKEY, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Board of Revenue, with five Enclosures.
 „ Accountant-General.
 „ Financial Department.
 „ Superintending Engineer, Sixth Circle.

Exd. A. F. Goodall.
Spare Copies

1707

7

BUILDINGS AND ROADS,
CIVIL WORKS.

Govt. of (1883) Madras.

PUBLIC WORKS.

Dated June, 23rd.

Recd.

Encl.

G.O., 23rd June 1883, No. 1767 W.

JUNE.

Road from Sankaranainarkoil
to Kalugumalai

Second revised estimate for constructing
a —, in the Tinnevely District, sanctioned

Annually L & PD office

17 May 1884

BOARD'S GEN. REG. N° 3824 OF 1884

From A. J. B. Atkinson Esq.
President Local Fund Board
Tinnevely

To E. Gibson Esq.
Secretary to the Board
Dep Revenue

Sir,
Under Local Fund Rule 26,
I have the honor to submit for sanc-
tion a revision statement in-
respecting the work on road from
Sankaranainarkoil to Kalugumalai,
the estimate of which was sanctioned
by Govt. in G. O. No. 1764 W. dated
9th August 1883.

2. A sum of Rs. 77. 9. 7 has been
spent on earth work in excess of
the estimate provision, and Rs. 98-0-4
on rough stone aprons to masonry
works, for which no provision was

made in the estimates but which were subsequently found by the Local Fund Engineer to be necessary.

Notwithstanding these expenses there is a saving of Rs 678-4-10

3 The Statement has been approved by the Local Fund Board in its resolution No 3 dated 3rd April 1884. I first thought

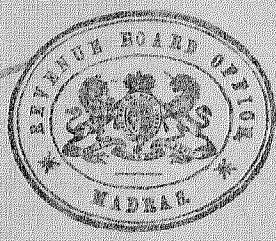
it unnecessary to submit the for the Board's sanction as the sanction does not involve additional cost under para 21 & 22 of the Local Fund P.W. Code. But the Asst. Director of Local Fund Accounts who was lately here thinks it necessary reading the para 26.

4 I therefore submit it for sanction.

I have the honor to be
Yours most obed^t servant
J. G. P. M.
22/4/84

C. P. M.

Read the following papers.



1707

III Proceedings of the Board of Revenue.

Dated 5 June 1884.

No. 2597 Routine

READ Letter from the President, L. F. Board, Tenneally, dated 17th May 1884, No. 66.

Resolution:—

Submitted for the sanction of Government.

(Enc. Extract,

From MacKenzie
Ag. Sec. Secretary.

1. The Secretary to Govt. P. W. D. with original letter & enclosures forwarded President L. F. Board, Tenneally.

9

Vol. 11

118

107

1707

10

1884.
Board of Revenue,
MADRAS.

To

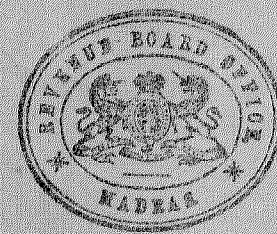
The Secretary to Govt.
P. W. Department

20106/10 of 11-6-84

Proceedings, dated 5 June 1884,
No. 2597 Routine

Subject,

Submitting for sanction
a statement of deviation
from the sanctioned estimate
for constructing a road from
Sunkaranamakott to
Kalupumalai.



Proceedings of the Board of Revenue.

Dated 24th June 1884.

No. 5752, Misc.

READ Letter from the Dy. Chief Engr. P. W. D.
dated 11th June 1884 to 1061 D.

Resolution

With reference to the first
para of the Deputy Chief Engineer's
letter, the Board observe that
a second revised estimate amount-
ing to Rs 21500 was sanctioned
for the same work in G. O. dated
23rd June 1883 to 17 by W.

2 The Accountant General
is requested to furnish the Deputy
Chief Engineer P. W. D. with a
copy of the Local Fund Rules

Works Code

(True Extract,

Wm MacLure

Ag. Pub. Secretary.

Go

The Dy. Chief Eng. & O. W. D.
with 3 enclosures in G. R.
to 4367 to be returned.

Assistant General

President L. & Board

Universally

rd. C.

Ph.

1707

12

M. No 64 of 6-4-1877.
 C. S. No 1526 of 20.6.81
 B. No 1964 of 9.8-81
 G. O. No 3211 of 6-12-82
 " " 1767 of 23-6-83
 M. No 61 D of 11.6.84

1884.
 Board of Revenue,
 MADRAS.

To
 The Dy. Chief Engg.
 P. W. D.

No 1707 of 24 July 1884
 M. No 61 D of 11.6.84

Proceedings, dated 14th June 1884.
 No. 5782 M. No.
 Subject.

In forming the Dy.
 Chief Engg. P. W. D. that
 a second revised estimate
 amounting to Rs 21,500
 for constructing a
 road from Pantharam,
 Hoil to Kalugumalai was
 sanctioned in G. O. 23603
 of 1767 W, & requesting Accts.
 Genl. to furnish this office
 with a copy of the L. F. & R.
 Code.

1707 5366

PUBLIC WORKS DEPARTMENT.
 OF THE MADRAS GOVERNMENT.

UNDER date the

READ the following

- H. E. No. 2597 of 5th Nov 84.
 - H. E. No. 6782 of 24th

This paper may
 perhaps assist
 of the L. F. & R. Code
 as there seems a question
 whether the maintenance
 of foot is necessary
 to a deviation state
 by which a saving
 on the previous
 is effected.

The record
 should in the first
 instance have been
 up a copy of B.
 No 1767 W of 23.6.83
 sanctioning a
 revised estimate
 the road. An
 very question
 Board of Rev.
 then have been

The number
 marked however
 President of F. & R.
 12

The deviation state
 ment amounting to Rs.
 20,822, exhibiting the
 cost of constructing a
 road from Pantharam
 or Hoil to Kalugumalai
 in the Tirunelveli Dis.
 trict, is sanctioned,
 in lieu of the estimate
 of Rs. 21,500 referred to
 in G. O. No 1767 W
 dated 23rd June 1883.

2. This sanction has
 been registered as
 Local

Min No 64 of 6-4-1877.
 C.E. No 1536 of 30.6.81
 B.N. 1964 W. 9. 8-31
 G.O. No 3211 W. 6-12. 82
 " " 1767 W. 23-6. 83
 No 1611 D. 11.6. 84

stated, as sanction to
 the work, an order of
 August 1881, which was
 cancelled by the letter
 of June 1883.

C.
 23/6/84

I think it may now sanction
 the deviation statement. This
 will save time.

We can avail ourselves of L.F.
 Rules, & regulate future
 action in similar cases thereby.

C.
 16/6

This order, recd from Coly,
 today, will now be issued - but
 there does not appear to be
 anything in Rule 26 of the Local
 Fund Rules, which requires a
 deviation statement involving no
 extra expenditure, to be
 submitted for Govt sanction.

C.
 27/6/84

PUBLIC WORKS DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Under date the

Read the following

Pro: 13²/_a of Revenue — H.E. No. 2597 of 5th June/84.
 Do. — 50 — H.E. No. 5752 of 24th

The deviation state-
 ment amounting to Rs.
 20,822, exhibiting the
 cost of constructing a
 road from Sankaranai-
 ar Koil to Kalugumalai,
 in the Tirunelveli Dis-
 trict, is sanctioned,
 in lieu of the estimate
 of Rs. 21,500 referred to
 in G.O. No. 1767 W
 dated 23rd June 1883.

2. This sanction has
 been registered as

B Local

Local No. 22 of

1884. 88

Ch

27.6.84

W

17.6.84

W 5/7/84

I.

The Bz of Pao with 1 En

L E vi Circle V

and Reple

(Chief Secy for counterintelligence)

Ch

17.6.84

1707

14

Rs. 366
4747
Govt. of (1884) Madras.
PUBLIC WORKS.

(14) 4.1 (12A)

(15)

11/7/84

o.o. 10 July 1707/84

Road
==

The deviation statement
amounting to Rs 20,822
Exhibiting the cost of
Constructing a —
From San Karancima Kod
to Kalugumalai,
Tirunelveli District
Sanctioned 65